

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A display apparatus for receiving at least a video signal by wireless communication,

the display apparatus, comprising:

a wireless receiving unit receiving the video signal that is wirelessly transmitted;

a display unit displaying an image in accordance with at least the video signal;

a jamming signal detecting unit detecting, in an operating frequency band used for the wireless communication, a jamming signal ~~other than the video signal~~; and

a display controller causing the display unit to display, in response to the detection of the jamming signal, jamming signal information indicating presence of the jamming signal,

wherein the jamming signal is a received signal different from the received video signal, the jamming signal being generated from a device different from the device that has transmitted said video signal, and the jamming signal is a signal from which no recognition information signal is detected, and

wherein the recognition information signal is a signal that is used for enabling connection to a specific destination.

2. (Previously presented) The display apparatus as set forth in claim 1, wherein:
the jamming signal detecting unit detects the jamming signal for each communication channel available in the operating frequency band; and

the display controller causes the display unit to display, as the jamming signal information, information indicating the presence of the jamming signal for said each communication channel.

3. (Previously presented) The display apparatus as set forth in claim 1, wherein:
the jamming signal detecting unit compares a level of the jamming signal with a plurality of predetermined levels so as to detect a jamming signal level; and

the display controller causes the display unit to display the jamming signal information in accordance with the jamming signal level.

4. (Previously presented) The display apparatus as set forth in claim 3, wherein:
the display controller causes the display unit to display the jamming signal information numerically in accordance with the jamming signal level.

5. (Previously presented) The display apparatus as set forth in claim 3, wherein:
the display controller causes the display unit to display the jamming signal information graphically in accordance with the jamming signal level.

6. (Previously presented) The display apparatus as set forth in claim 3, wherein:
the display controller changes a display format, such as a color, of the jamming signal information in accordance with the jamming signal level, and causes the display unit to display the jamming signal information in the display format.

7. (Previously presented) The display apparatus as set forth in claim 3, wherein:
the plurality of predetermined levels are able to be arbitrarily set and changed.

8. (Currently amended) A wireless transmitting and receiving system for transmitting and receiving at least a video signal by wireless communication,
the wireless transmitting and receiving system, comprising:
a wireless transmitting apparatus for wirelessly transmitting the video signal and a recognition information signal; and
a display apparatus, which includes:
a wireless receiving unit receiving the video signal and the recognition information signal;
a display unit displaying an image in accordance with at least the video signal;
a recognition information detecting unit detecting the recognition information signal;

a jamming signal detecting unit detecting, in an operating frequency band used for the wireless communication, a jamming signal ~~other than the video signal~~; and

a display controller, when the video signal is not normally received, causing the display unit to display abnormality information indicating an abnormal state,

wherein, when the jamming signal detecting unit detects the jamming signal, the display controller causing the display unit to display, as the abnormality information, jamming signal information indicating presence of the jamming signal,

wherein the jamming signal is a received signal different from the received video signal, the jamming signal being generated from a device different from the device that has transmitted said video signal, and the jamming signal is a signal from which no recognition information signal is detected, and

wherein the recognition information signal is a signal that is used for enabling connection to a specific destination.

9. (Previously presented) The wireless transmitting and receiving system as set forth in claim 8, wherein:

the jamming signal detecting unit detects the jamming signal for each communication channel available in the operating frequency band; and

the display controller causes the display unit to display, as the jamming signal information, information indicating the presence of the jamming signal for said each channel.

10. (Previously presented) The wireless transmitting and receiving system as set forth in claim 8, wherein:

the jamming signal detecting unit compares a level of the jamming signal with a plurality of predetermined levels so as to detect a jamming signal level; and

the display controller causes the display unit to display the jamming signal information in accordance with the jamming signal level.

11. (Previously presented) The wireless transmitting and receiving system as set forth in claim 10, wherein:

the display controller causes the display unit to display the jamming signal information numerically in accordance with the jamming signal level.

12. (Previously presented) The wireless transmitting and receiving system as set forth in claim 10, wherein:

the display controller causes the display unit to display the jamming signal information graphically in accordance with the jamming signal level.

13. (Previously presented) The wireless transmitting and receiving system as set forth in claim 10, wherein:

the display controller changes a display format, such as a color, of the jamming signal information in accordance with the jamming signal level, and causes the display unit to display the jamming signal information in the display format.

14. (Previously presented) The wireless transmitting and receiving system as set forth in claim 10, wherein:

the plurality of predetermined levels are able to be arbitrarily set and changed.

15. (Previously presented) The wireless transmitting and receiving system as set forth in claim 8, wherein:

when the recognition information detecting unit detects another recognition information signal different from the recognition information signal transmitted from the wireless transmitting apparatus, the display controller causes the display unit to display, as the abnormality information, information indicating that there is another wireless transmitting apparatus transmitting said another recognition information signal.

16. (Previously presented) The wireless transmitting and receiving system as set forth in claim 8, wherein:

when the recognition information detecting unit does not detect said another recognition information signal different from the recognition information signal transmitted from the

wireless transmitting apparatus, the jamming signal detecting unit carries out detection of the jamming signal.

17. (Previously presented) The wireless transmitting and receiving system as set forth in claim 8, wherein:

when the jamming signal detecting unit does not detect the jamming signal, the display controller causes the display unit to display, as the abnormality information, information indicating that it is not possible to receive any signal.

18. (Currently amended) A display apparatus for receiving at least a video signal by wireless communication,

the display apparatus, comprising:

a wireless receiving unit receiving the video signal that is wirelessly ~~transmitted~~transmitted;

a jamming signal detecting unit detecting, in an operating frequency band used for the wireless communication, a jamming signal ~~other than the video signal~~; and

a jamming signal information outputting unit, in response to the detection of the jamming signal, outputting jamming signal information indicating presence of the jamming signal,

wherein the jamming signal is a received signal different from the received video signal, the jamming signal being generated from a device different from the device that has transmitted said video signal, and the jamming signal is a signal from which no recognition information signal is detected, and

wherein the recognition information signal is a signal that is used for enabling connection to a specific destination.

19. (Previously presented) The display apparatus as set forth in claim 18, wherein:
the jamming signal information outputting unit sends the jamming signal information to superimposition display unit for displaying the jamming signal information superimposed onto the image displayed by the display unit.

20. (Currently amended) A display apparatus for (i) receiving at least a video signal by wireless communication and (ii) displaying an image in accordance with the video signal, the display apparatus, comprising:

a jamming signal detecting unit for detecting, in an operating frequency band used for the wireless communication, a jamming signal ~~other than the video signal~~,

wherein the jamming signal is a received signal different from the received video signal, the jamming signal being generated from a device different from the device that has transmitted said video signal, and the jamming signal is a signal from which no recognition information signal is detected, and

wherein the recognition information signal is a signal that is used for enabling connection to a specific destination.

21. (Currently amended) A display method for (i) receiving at least a video signal by wireless communication and (ii) displaying an image,

the display method, comprising:

a first step of determining whether or not the video signal that is wirelessly transmitted is unable to be received;

a second step of, when it is determined in the first step that the video signal is unable to be received, determining whether or not a jamming signal ~~other than the video signal~~ is detected in an operating frequency band used for the wireless communication; and

a third step of carrying out a display in accordance with a result of the determination made in the second step, so as to inform that it is not possible to receive any signal,

wherein the jamming signal is a received signal different from the received video signal, the jamming signal being generated from a device different from the device that has transmitted said video signal, and the jamming signal is a signal from which no recognition information signal is detected, and

wherein the recognition information signal is a signal that is used for enabling connection to a specific destination.

22. (Currently amended) A non-transitory computer-readable medium having instructions stored thereon, said instructions are read and executed by a processor, wherein the processor (i) receives at least a video signal by wireless communication and (ii) displays an image and the processor is configured to perform the steps of:

a step of determining whether or not the video signal that is wirelessly transmitted is unable to be received;

a step of, when it is determined in the first step that the video signal is unable to be normally received, determining whether or not a jamming signal ~~other than the video signal~~ is detected in an operating frequency band used for the wireless communication; and

a step of carrying out a display in accordance with a result of the determination made in the second step, so as to inform that it is not possible to receive any signal,

wherein the jamming signal is a received signal different from the received video signal, the jamming signal being generated from a device different from the device that has transmitted said video signal, and the jamming signal is a signal from which no recognition information signal is detected, and

wherein the recognition information signal is a signal that is used for enabling connection to a specific destination.

23. (Canceled)